



American Chemical Society Symposium

234th ACS National Meeting, Boston, MA, August 19-23, 2007

Characterization of Fossil Fuels and Biofuels – Challenges and Progress

Abstract Submission deadline: April 2, 2007; Preprint Submission deadline: April 2, 2007

The symposium organizers are seeking original research papers that demonstrate new developments in characterization methods for Fuel Science. Suggested topics include:

- ◆ Characterization relevant to processing of biomass to biofuels
 - ◆ Biofuels (biodiesel, bioethanol, etc.) production
 - ◆ Biorefining concepts
- ◆ Comparison of biofuels and fossil fuels
- ◆ Nanocarbons, activated carbons, other carbonaceous products from fossil fuels or biomass
 - ◆ Structure and properties of specialty carbonaceous materials derived from fuels
 - ◆ Design of activated carbons for Hg control in coal combustion
- ◆ New developments in:
 - ◆ Microscopic characterization methods for fuels
 - ◆ Spectroscopic techniques applied to fossil fuels and biomass
 - ◆ Fuel-based applications of synchrotron methods
 - ◆ Catalyst characterization for fuel processing
- ◆ Characterization relevant to environmental issues arising from utilization of fuels
 - ◆ Ash, slag, and other waste products from combustion
 - ◆ Characterization of inorganic species, including sulfates
 - ◆ Characterization of aerosols from combustion of fossil fuels and biofuels
 - ◆ Speciation of trace metals, including mercury, in fuels and related waste materials

SYMPOSIUM ORGANIZER:

Frank E. Huggins
University of Kentucky
533 S. Limestone St.
Lexington, KY 40506
Ph: (859) 257 4045

fhuggins@engr.uky.edu

IMPORTANT:

Both Abstract and Preprint submission must be made using the online ACS OASys System:

<http://oasys.acs.org/oasys.htm>

Instructions and the preprint template are available at ACS Fuel Chemistry Division website:

<http://www.anl.gov/PCS/acsfuel/preprintinfo.html>